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6-3-02

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT**

EPA Region 5 Records Ctr.



284578

**I. HEADING**

**DATE:** June 13, 2002

**SUBJECT:** POLREP for the Lefton Iron and Metal Removal Site, East St. Louis, St. Clair County, Illinois

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**POLREP #:** POLREP #10 (Fund Financed)

**II. BACKGROUND**

Response Authority: CERCLA (# ILD984809244)  
Action Memorandum Status: September 26, 2001  
Completion Date: N/A

NPL Status: Non-NPL  
State Notification: September 26, 2001  
Start Date: October 24, 2001

Latitude: 38°36'41"N (205 South 17<sup>th</sup> Street) 38°36'29" N (1901 South Converse Street)  
Longitude: 90°08'55"W 90°08'49" W

**III. SITE INFORMATION**

**A. Incident Category**

Time critical scrap steel and soil removal from a former scrap metal recycling facility.

**B. Site Description**

**1. Site location**

The Lefton Iron & Metal Site ("Site") consist of two (2) physically separated locations within the city boundaries of East St. Louis, Illinois. Lefton West, 205 South 17<sup>th</sup> Street, is bounded by railroad tracks to the northeast, 17<sup>th</sup> Street on the southeast, Brady Avenue on the southwest, and a commercial business to the northwest. Lefton East, 1901 Converse Avenue, is bordered by Brady Avenue on the northeast, 19<sup>th</sup> Street on the northwest, Converse Avenue on the southwest, and a residential area on the southeast.

**2. Description of threat**

See initial POLREP for details.

**3. Site background**

See initial POLREP for details.

**4. State and local actions to date**

See initial POLREP for details.

**IV. SITE INFORMATION**

**A. Situation**

**1. Response activities to date**

Work began on the Site in October 2001, with the following:

- Please refer to POLREP #1 regarding on-site security guard service contracted to maintain site security after regular business hours. Also refer to POLREP # 1 regarding a segregation area created to separate tires, crushed and intact drum carcasses, compressed gas cylinders, and other miscellaneous articles and the area used to sort scrap steel.
- Please refer to POLREP's # 2 and # 7 regarding the management and disposal of 14 practice (dummy) bombs.
- Please refer to POLREP # 3 regarding use of a site grid system.
- Please refer to POLREP # 4 regarding post excavation confirmation sampling activities and disposal of non-hazardous soils to the Roxana Subtitle Class "D" landfill.
- Please refer to POLREP # 5 and # 6 regarding the upgrade to the existing rail spur and economic savings obtained by rail transportation and disposal of PCB impacted soil.
- Please refer to POLREP # 6 regarding removed of one pole-mounted transformer with the local electric utility company.
- Please refer to POLREP # 7 regarding removal of two former underground storage (diesel) tanks and the disposal of three furnaces containing non-regulated N.O.R.M (naturally occurring radioactive material) firebrick into a local Subtitle Class "D" landfill.
- Please refer to POLREP # 8 regarding an increase of \$ 1,374,684.00 to the spending cap that was approved on April 3, 2002.
- On May 23, 2002, a total of 33 drum carcasses were removed from a burial pit located at the Lefton East property.
- Approximately 9,355 tires to date have been removed from the Site and disposed under the Illinois EPA (IEPA) tire recycling program.
- On May 30, 2002, the OSC instructed the ERRS contractor to stop any further PCB excavation.
- Approximately 23,368 tons of clean backfill have been delivered and graded at the Lefton West portion of the site. Further backfilling activities will occur subject to weather.

## B. Planned Removal Activities

- Additional removal of lead contaminated soil will continue. However, shipments of PCB soils are completed and additional PCB impacted soil removal activities have stopped. All remaining soils stockpiles will be disposed of accordingly off-site. At this time, the remaining amount of lead impacted soils to be removed is expected to be less than 4,500 tons.
- Additional off-site disposal of scrap railroad ties and scrap metal will continue as necessary.

## C. Next Steps

- Periodic disposal of used tires through the Illinois EPA tire program will occur on an as needed basis.
- Placement of a plastic orange snow fence in areas containing PCB's >50 ppm and lead > 1000 ppm (total Pb), or both, will be used as a visual indicator to any entity that may require excavation below the clean backfill layer.
- Final confirmation sampling of the excavated grids will occur before the plastic orange fence and backfill are in place.
- Placement and compaction of clean backfill at both the West and East Sites will occur weather permitting. Re-vegetation of the backfilled areas will occur after final grading.
- Chipping/shredding of previously cleared trees will be used for mulch and erosion control purposes.

## D. Key Issues

- Site activities could be delayed due to various weather conditions.

## E. Enforcement

- Enforcement/Cost recovery activities are pending at this time.

## V. COSTS

	<u>Cost to date</u>	<u>Ceiling</u>	<u>% Remaining</u>
ERRS	\$3,848,999	\$ 4,297,751	10.44 %
START	\$ 95,903	\$ 106,150	9.65 %
EPA	\$ 51,600	\$ 84,900	39.22 %
<b>TOTAL</b>	<b>\$ 3,996,502</b>	<b>\$ 4,488,801</b>	<b>10.96 %</b>

The above accounting of expenditures is an estimate based upon figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

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## VI. DISPOSITION OF WASTES

<u>Media</u>	<u>Waste stream</u>	<u>Quantity</u>	<u>Transportation</u>	<u>Treatment</u>	<u>Disposal</u>
Scrap	Steel	2911.50 Tons	Truck	Thermal	Recycle
RR Ties		126.41 Tons	Truck	NA	Landfill
Soil	Lead (non-hazardous)	20331.84 Tons	Truck	NA	Landfill
Soil	PCB's (TSCA)	26520.17 Tons	Rail	NA	Landfill